Wing RS 101

User's Manual

Thermaltake
CoolAll Your Life

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FC Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

CE

VG8000BNS

Thermaltake
CoolAll Your Life

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Wing RS 101
VG8000BNS Manual

Chapter 1. Product Introduction
Specification

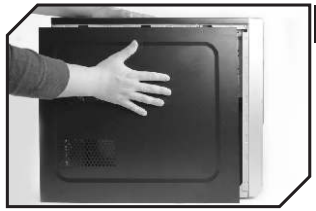
Model	VG8000BNS
Case Type	Middle Tower
Net Weight	4.60 kg ; 10.14 lb
Dimension (H*W*D)	415 x 190 x 480 mm 16.3 X 7.5 X 18.9 inch
Cooling System	Front (Intake) : 120 x 120 x 25 mm (optional) Rear (Exhaust) : 120 x 120 x 25 mm, 1300rpm, 17dBA
Drive Bays - Accessible - Hidden	10 4 x 5.25", 1 x 3.5" 5 x 3.5"
Material	SECC
Color	Black
Expansion Slots	7
Motherboards	Micro ATX , Standard ATX
I/O Ports	Dual USB 2.0, MIC & Speaker

Chapter 2. Case Mechanical Operation

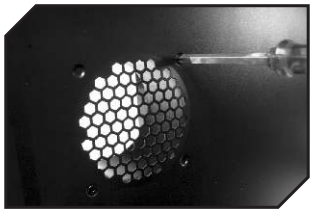
2-1 How to open the side panel

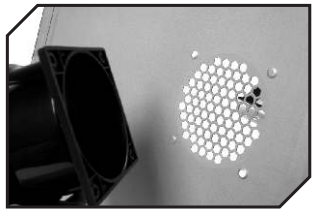
To remove the side panel, please remove upper and bottom thumb screws on the back of the case.

Remove the side panel, please refer to the orientation of the picture.



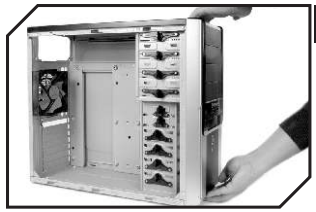
Open the side panel



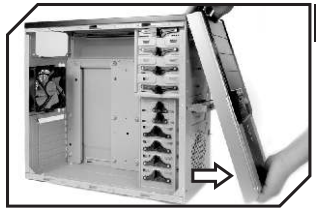


Important Notice:
If the air guide interferes with CPU cooling fan, please remove the CPU air guide as shown.

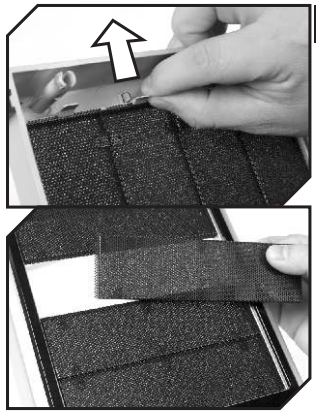
2-2 External 5.25" device installation



Remove the front panel



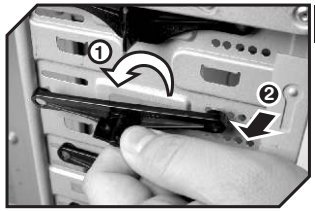
Pull out the front panel as shown



Remove the 5.25" drive bay cover

4

Remove the 5.25" drive bay metal cover



5

Turn lock device counterclockwise to unlock

6

Remove lock device

7

Place 5.25" device into the drive bay

8

Find the proper openings

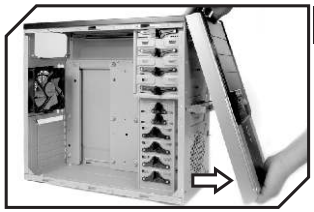
9

Put back the lock device and turn lock device clockwise to lock

10

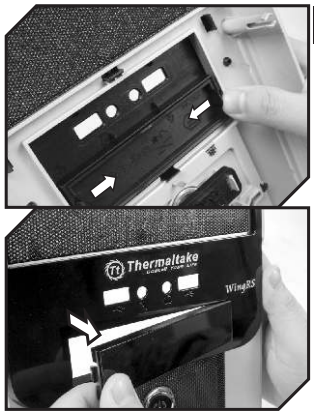
5.25" device installation complete

2-3 External 3.5" device installation



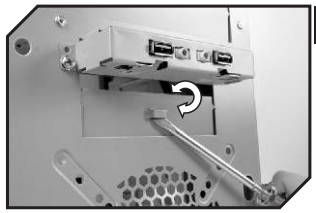
1

Pull out the front panel as shown



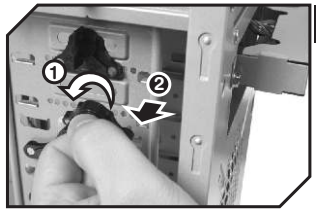
2

Remove the 3.5" drive bay plastic cover



3

Remove the 3.5" drive bay metal cover



4

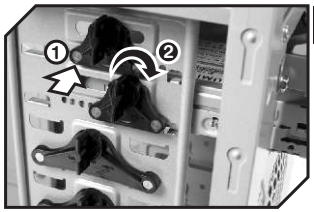
Turn lock device counter-clockwise to unlock

5

Remove lock device and insert the device into the 3.5" drive bay

6

Find the proper openings



7

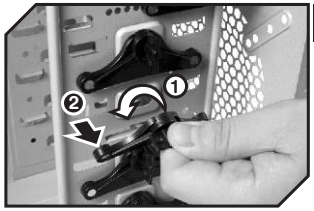
Put back the lock device and turn clockwise to secure the drive

8

3.5" device installation complete

Important Notice:
The upper 3.5" external drive bay is not compatible with FDD, but HDD is able to be installed in it. While installing HDD, please remove the tool-free kit and secure HDD by screws.

2-4 HDD installation



1

Turn lock device counter-clockwise to unlock

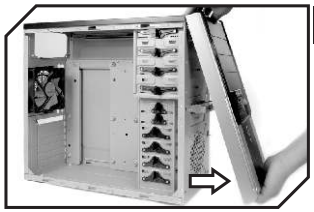
2

Remove lock device then place HDD into drive bay

3

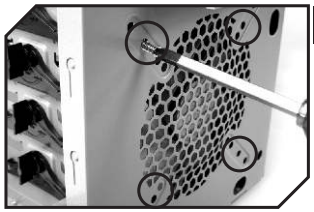
Put back the lock device and turn lock device clockwise to secure the HDD

2-5 Front fan installation (optional)



Remove the front panel

Place the fan as shown



Secure the fan by screws

2-6 PCI slot usage

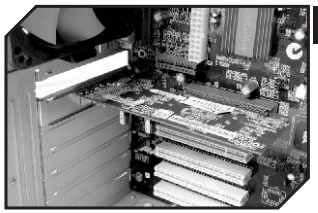
Remove thumb screw from PCI slot bracket

Take off the PCI slot bracket as shown

Insert the PCI device into PCI slot

Put back the PCI slot bracket

Screw the thumb screw
as shown

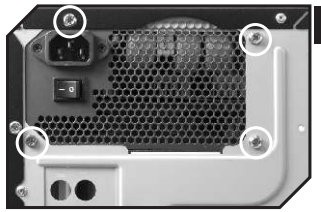


Finish installation

2-7 How to install PSU

Place the PSU over the
location as shown

Secure it by screws



Finish installation

Chapter.3 Motherboard & Leads Installation

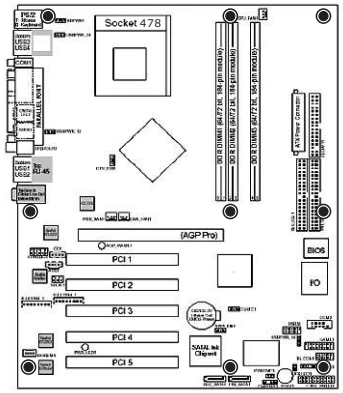
3-1 Motherboard Installation

Each motherboard has different standoff layout. It is highly suggested that you refer to your motherboard's manual when installing motherboard into the Case. The cases are applicable with Standard ATX, Micro ATX motherboards. Your motherboard may require a special I/O Panel, which should be included with your motherboard.

Placement Direction:
When installing the motherboard, make sure you follow the direction provided by your motherboard manufacturer. On most standard motherboards, the edge with external ports goes to the rear part of the chassis. It is highly recommended that you install CPU, heat sink and modular components before fixing the motherboard inside the chassis.

Note :
Due to the variety of motherboards on the market, the majority of the motherboards come with their own I/O plates. It' s necessary for you to remove the fan holder before install the I/O plates.

This side towards the rear of the chassis



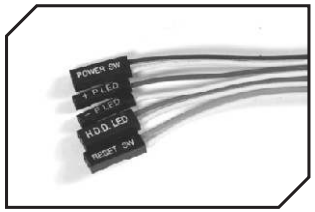
The locations of the screw holes. Note these locations and place included standoffs on the chassis first.

Above illustration is a sample of what the motherboard's layout. For more detail screw hole placement, please refer to your motherboard manual.

3-2 Case LED connections

On the front of the case, you can find some LEDs and switch leads (POWER SW*1, POWER LED*1, H.D.D. LED*1, RESET SW*1).
Please consult user manual of your motherboard manufacturer, then connect these leads to the panel header on the motherboard. These leads are usually labeled; if not, please trace them back to the case front to find out their source.

- ***POWER LED***
  connects to your M/B at the PLED
- ***POWER SW***
  connects to the PWR connector on the motherboard.
- ***H.D.D LED***
  connects to the 2-pin labeled HDD LED connector.
- ***RESET SW***
  connects to the RSW connector on the motherboard,

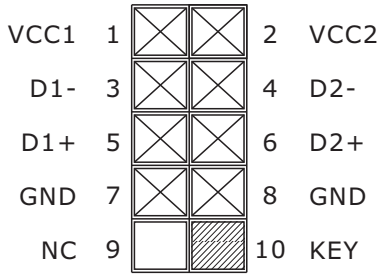


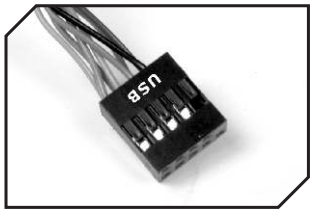
3-3 USB2.0 connection

USB connection

Please consult your motherboard manual to find out the section of "USB connection".

USB

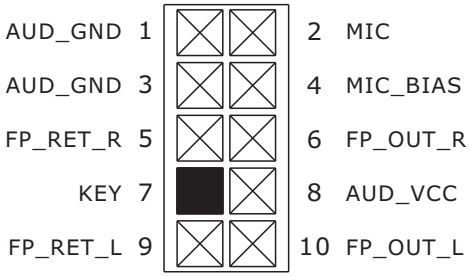


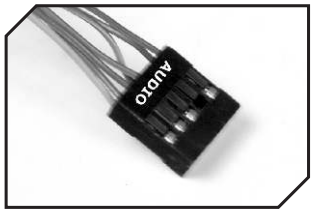


3-4 Audio connection

Please consult your motherboard manual to find out the section of "front panel audio connector".

AUDIO





Chapter.4 RSI Cooler and Power Supply

4-1 RSI Cooler (Optional)

P/N : CL-P0441

Designed for Intel Core 2 Duo Processor
Application for Intel Core 2 Duo /
Pentium D / Celeron series (Socket LGA775)

FEATURES:

- Aluminum Crotch Fin provides more heat dissipation area.
- Silent operation.
  Optimized solution for low power processors.
- Back plate & Spring Screw mounting method ensure safe installation when shipping.

P/N : CL-P0444

Application for
AMD Athlon 64 X2/Athlon 64 FX/
Athlon 64(Socket AM2/ 939/754) and
Sempron (Socket AM2/754)

FEATURES :

- Perfect ratio aluminum extrusion heatsink for better heat dissipation.
- Tool-less clip, easy installation.
- Silent Solution

4-2 RSI Power Supply (Optional)

Litepower 400W

ATX 12V 2.0 | PFC | PCI Express X1 | S-ATA X2 | Universal 24(20) Pin | AMD/Intel Dual Core Support

P/N: W0161 W/PFC

P/N: W0162 No PFC

FEATURES:

- Intel ATX 12V 2.0 Compatible.
- Supports 6-pin PCI-Express, 2 SATA, and 20+4 pin connector.
- Dual +12V output circuit provides steady output for system.
- Super quiet and stable 12cm ball bearing fan.
- Build-in Over Current Protection, Over Voltage protection, and Short-Circuit protection.
- Safety : UL, CUL, CE, NEMKO, TUV+CB, BSMI, FCC certification.

There are recommended products of Thermaltake PSU,
please refer to ***http://www.thermaltake.com***

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